

GOING ELECTRIC WITH
Legrand EV
Charging
Solutions



designed to be better.

 legrand®



The Legrand EV Charging Story

Things are changing out there on the roadways.

The number of electric vehicles (EVs) sold per year has more than doubled since the start of the decade, with projections expecting over 26 million EVs on US roads alone by 2030.

Auto manufacturers, worldwide, are steering towards increasingly electric-fueled lineups, and EV infrastructure development continues to accelerate rapidly, driven by substantial investment and enticing incentives from both public and private sources.

The implication is clear: accessible EV charging is needed. Now. And in all the places people park as they live, work and play.

That's where we come in.

We know power. We know charging. And as industry-leading experts in electrical devices and access, our solutions make it easy to add safe, fast and convenient EV charging to any space.

TABLE OF CONTENTS

Legrand & Electric Vehicle (EV) Charging.....	3
Commercial EV Chargers and Accessories.....	4
Residential EV Chargers and Accessories.....	6
Additional Resources.....	8



COMMERCIAL EV CHARGER

LET EMPLOYEES, TENANTS OR GUESTS CHARGE UP WITH CONVENIENCE AND SPEED:

The Networked Level 2 EV Charger

High-powered and versatile, this Level 2 charger works with any* electric vehicle and features adjustable output -- from 16A to 48A -- to safely meet any EV's specific power needs. When used at its maximum output, however, drivers get their full charge at least 50% faster than with common 32A models and can enjoy up to a 46-mile range from just one hour of charging.

It also comes factory-configured with the AmpUp charging tool, which simplifies setup and provides property owners or facility managers with fast, reliable remote access for control and management of the networked charger.

An ideal solution for commercial offices and workplaces, hotels, apartment complexes or other multi-purpose or dwelling units.



KEY FEATURES

- Pre-installed 4G SIM card for wireless connectivity and remote management
- Supports installation on walls or via optional single- or dual-sided pedestal
- Factory configured with AmpUp charging solution



PART NUMBER	PRODUCT	RATINGS	NETWORK CONNECTION	COMPLIANCE	DIMENSIONS	COLOR	COO
LNA-EVC1-48-SV1	Networked Level 2 EV Charger	Outdoor 48A (variable 16A-48A), 208-240 VAC, 11.5KW NEMA 3R	4G Cellular	cETLus, OCPP 1.6-J, FCC, IC, CA Prop 65, RoHS, Energy Star	14.2" (H) x 9.8" (W) x 3.9" (D) Unit Size; 18' Charging Cable	Silver	China

*An adapter is required for use with Tesla models.

FIT A SPACE'S UNIQUE INSTALLATION NEEDS:

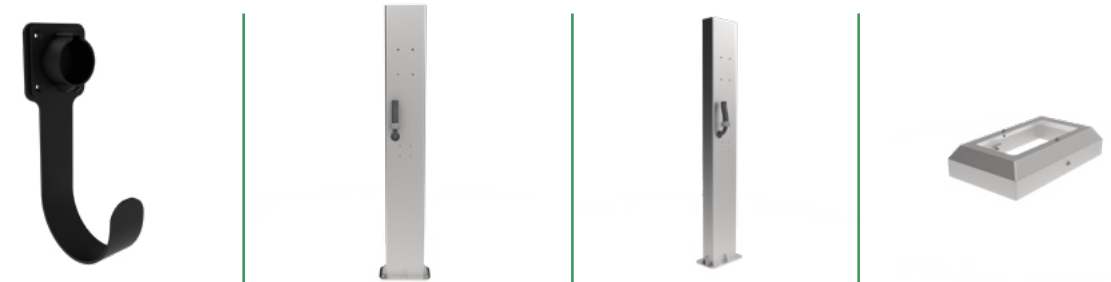
Commercial EV Charger Accessories

Designed for flexibility, the Network Level 2 EV Charger offers multiple mounting options and supporting accessories to best fit an installation's environment and needs.

For free-standing charger installations, two pedestal options are available: Single- or Dual-Sided. Sold separately.

In installations where the charger is mounted directly to a wall, the Cable Management Hook enables users to neatly store the 18' charging cable for both convenience and safety (included with charger).

Pedestal base cover, used to conceal bolts and mounting holes for a cleaner and safer installation, also sold separately.



PART NUMBER	PRODUCT	COMPLIANCE	DIMENSIONS	COLOR	COO
XEV-HOOK	Replacement Cable Management Hook	RoHS	9.76" (H) x 4.29"(W) x 3.19" (D)	Black	China
XEVPED1	Single-Sided Pedestal (Cable Management Hook included)	cETLus, RoHS	54.92" (H) x 7.87" / 10.63" (W) x 3.54" / 6.10" (D)	Silver	China
XEVPED2	Dual-Sided Pedestal (Cable Management Hook included)	cETLus, RoHS	54.92" (H) x 7.87" / 10.63" (W) x 3.54" / 6.10" (D)	Silver	China
XEVPEDCVR	Pedestal Base Cover	RoHS	2.3" (H) x 10.8" (W) x 6.4" (D)	Silver	China



WHAT IS LEVEL 2 EV CHARGING?

Three levels of EV chargers are currently available, largely differentiated by potential power output. While Level 1 chargers conveniently plug into a standard outlet, their minimal output means much slower, even unreliable charging. With Level 2 models, however, which use a dedicated 240V power source instead, EVs can fuel up faster and go farther. This means a lot less worry between charges, while still being a significantly less expensive option than Level 3's DC fast-charging models.

PLUG-IN HOME EV CHARGER

MAKE EASY AT-HOME CHARGING FAST, SAFE AND EFFICIENT:

The Plug-In Home Level 2 EV Charger

Getting started with this non-networked Level 2 EV Charger is truly as simple as plugging it in, indoors or out. Then drivers can use the 40A output of this compact yet powerful unit to charge any* electric vehicle quickly – taking the battery from 0 to 100%

in 8-10 hours and providing up to a 38-mile range per hour of charging.

An ideal solution for the garages, driveways or carports of single-family homes.



KEY FEATURES

- Blends in easily with a sleek, compact design
- Preassembled with flexible cord whip and NEMA 14-50 plug
- SAE J1772 connector, the North American standard for EV charging
- LED indicator light shows charging status of vehicle
- 18' charging cable to easily reach multiple spots
- Includes storage hook and holster

HARDWIRED

- Arrives ready to wire; no internet connection or software required

COMING SOON!

HARDWIRED HOME EV CHARGER

WIRE IT IN FOR FASTER, MORE FLEXIBLE AT-HOME CHARGING:

The Hardwired Home Level 2 EV Charger

Hardwired and higher-powered, this Home Level 2 EV Charger is rated for up to 48A, boosting rates and ranges to fully recharge a vehicle in 6-8 hours and get drives up to 46 miles per hours of charging. This model also features variable output, however, letting users adjust as desired to safely meet specific vehicle needs and/or personal energy-usage preferences.



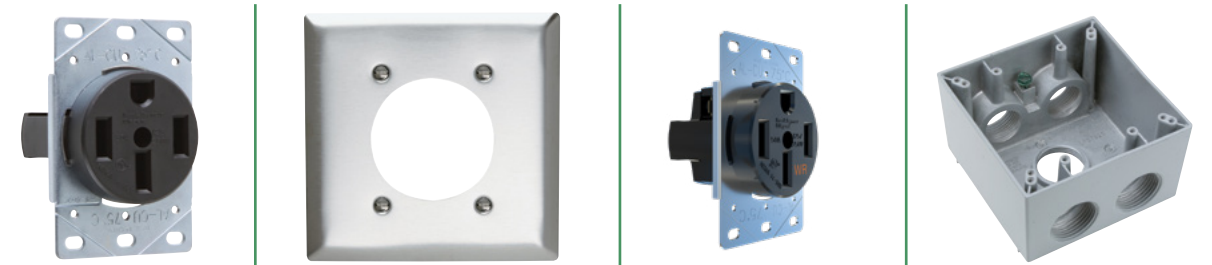
	PART NUMBER	PRODUCT	RATINGS	COMPLIANCE	DIMENSIONS	COLOR	COO
	L2EVSE40ACP1450	Plug-In Home Level 2 EV Charger	Indoor/Outdoor 40A, 208-240VAC, 9.6kW NEMA 3R	cETLus, FCC, IC, CA Prop 65, RoHS, Energy Star	7.08" x 7.08" Unit Size; 18' Charging Cable	Black	China
COMING SOON!	L2EVSE48AC	Hardwired Home Level 2 EV Charger	Indoor/Outdoor 48A (variable 16A- 48A), 208-240VAC, 11.5kW NEMA 3R	cETLus, FCC, IC, CA Prop 65, RoHS, Energy Star	7.08" x 7.08" Unit Size; 18' Charging Cable	Black	China

*An adapter is required for use with Tesla models.

ENSURE SAFE CHARGING AND QUALITY PERFORMANCE:

Plug-In EV Charger Accessories

The Plug-In Home Level 2 EV Charger should always be used with a NEMA 14-50 Outlet (common for electric dryers, ranges, recreation vehicles, etc.). Designed for higher capacity, these outlets can deliver the amount of power required for Level 2 charging speeds without issue or risk. For outdoor charging, a weather-resistant NEMA 14-50 Outlet is required.



	PART NUMBER	PRODUCT	RATINGS	COMPLIANCE	DIMENSIONS	COLOR	COO
INDOOR	3894	50A Electrical Outlet for Ranges / Dryers / EV Chargers	Indoor 50A, 125/250V	cULus, CSA, RoHS	3.77" (H) x 2.55" (W) x 2.2" (D)	Black/ Stainless Steel	China
	SS703	Power Outlet Receptacle Opening	Indoor Corrosion-Resistant	cULus, CSA, RoHS	2-Gang Unit Size; Opening for 2.125" Outlet; 0.032" thickness	Stainless Steel	USA
OUTDOOR	3894WR	50A Weather-Resistant Electrical Outlet for RVs / EV Chargers	Outdoor 50A, 125/250V	cULus, CSA, RoHS	3.77" (H) x 2.55" (W) x 2.2" (D)	Black / Stainless Steel	China
	WPBD452	Weatherproof Box for Outdoor Mounting	Indoor/Outdoor	cULus, CSA, RoHS			India

Incentive-Ready Charging for Any Space

Making the switch to electric fueling comes with multiple benefits – for individual drivers as well as facility owners and managers – including rebates and tax credits from a wide variety of incentive programs offered by federal, state and local governments as well as utility companies. Eligibility details vary by application, location and program, but Legrand’s commercial and residential charging solutions meet the most common qualifications.

To learn more about commercial incentives and rebates, scan QR code or [click here](#) to learn more.



To learn more about residential incentives and rebates, scan QR code or [click here](#) to learn more.



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LOOKING TO LEARN MORE ABOUT LEGRAND'S EV CHARGING SOLUTIONS?

Visit legrand.us/ev to get started.

WANT TO KNOW MORE ABOUT EV CHARGING AS WHOLE?

Check out some of these great sources:

BLOG: [What is EV Charging?](#)

BLOG: [Which Home EV Charger is Right for You?](#)

BLOG: [Connected EV Charging](#)

WHITE PAPER: [Cellular vs Wi-Fi Networking](#)

FAQ: [Commercial EV Charging](#)



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